

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

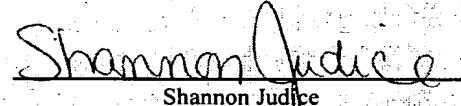
**Inventors:** **Jinsaku Masuyama and Rajen Murugan**

**Date Filed:** **April 20, 2004**

**Title:** ***Method, System and Apparatus for Controlled Impedance at Transitional Plated-Through Hole Via Sites Using Barrel Inductance Minimization***

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this Information Disclosure Statement is being deposited with the United States Postal Service as Express Mail No. EV352388875US addressed to: Mail Stop Patent Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on April 20, 2004.

  
Shannon Justice

Dear Sir:

**INFORMATION DISCLOSURE STATEMENT**

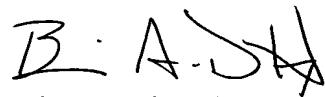
Applicants respectfully request, pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified application. Since the present Application was filed after June 30, 2003, a copy of any U.S. Patent and any U.S. Patent Application Publication cited on the attached PTO Form 1449 are not being submitted with this Information Disclosure Statement pursuant to the July 11, 2003 waiver of 37 C.F.R. §1.98(A)(2)(i) by the U.S. Patent and Trademark Office.

Furthermore, pursuant to 37 C.F.R. §§1.97(g) and (h), no representation is made that these references are material to the patentability of the present application.

Applicants believe no fees are due for this Information Disclosure Statement, however, the Commissioner is hereby authorized to charge any fees to Deposit Account No. 02-0383 of Baker Botts L.L.P. in order to effectuate this filing.

Respectfully submitted,

BAKER BOTTS L.L.P.  
Attorneys for Applicants



Brian A. Dietzel  
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Date: April 20, 2004

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|---|--|--|------------------------------|----------------|---------------------------|--|
| <b>PTO-1449</b><br><b>Information Disclosure Citation</b><br><b>in an Application</b> |  |  | Application No.              | Applicant(s)   |                           |  |
|   |  |  | Docket Number<br>016295.1656 | Group Art Unit | Filing Date<br>04/20/2004 |  |

**U.S. PATENT DOCUMENTS**

|    |  | DOCUMENT NO. | DATE      | NAME         | CLASS | SUBCLASS | FILING DATE |
|----|--|--------------|-----------|--------------|-------|----------|-------------|
| A. |  | 6384480      | 05/07/02  | McTeer       | 257   | 750      | 05/20/99    |
| B. |  | 6441486      | 08/27/02  | Cheng et al. | 257   | 737      | 03/19/01    |
| C. |  | 2002/0175410 | 11/28/02  | Cheng et al. | 257   | 737      | 07/11/02    |
| D. |  | 2004/0004285 | 01/08//04 | Cheng et al. | 257   | 737      | 06/26/03    |
| E. |  |              |           |              |       |          |             |
| F. |  |              |           |              |       |          |             |
| G. |  |              |           |              |       |          |             |
| H. |  |              |           |              |       |          |             |
| I. |  |              |           |              |       |          |             |
| J. |  |              |           |              |       |          |             |
| K. |  |              |           |              |       |          |             |
| L. |  |              |           |              |       |          |             |
| M. |  |              |           |              |       |          |             |

**FOREIGN PATENT DOCUMENTS**

|    |  | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
|----|--|--------------|------|---------|-------|----------|-------------|
|    |  |              |      |         |       |          | YES         |
| N. |  |              |      |         |       |          |             |
| O. |  |              |      |         |       |          |             |
| P. |  |              |      |         |       |          |             |
| Q. |  |              |      |         |       |          |             |

**NON-PATENT DOCUMENTS**

|    |  | DOCUMENT (Including Author, Title, Source, and Pertinent Pages) | DATE |
|----|--|---|------|
| R. |  |   |      |
| S. |  |   |      |
| T. |  |   |      |
| U. |  |   |      |

|          |                 |
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| EXAMINER | DATE CONSIDERED |
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.